

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,367
Source: LF-420
Date Processed by STIC: 08/11/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 08/11/2006

PATENT APPLICATION: US/10/526,367

TIME: 10:42:04

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\08112006\J526367.raw

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3 <110> APPLICANT: University of Sussex
5 <120> TITLE OF INVENTION: Fiber-shaping peptides capable of interacting with
6   self-assembling peptides
8 <130> FILE REFERENCE: P509045PCT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/526,367
C--> 11 <141> CURRENT FILING DATE: 2005-03-03
13 <150> PRIOR APPLICATION NUMBER: GB 0220805.6
14 <151> PRIOR FILING DATE: 2002-09-06
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 28
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial
25 <220> FEATURE:
26 <223> OTHER INFORMATION: peptide SAF-p1
28 <400> SEQUENCE: 1
30 Lys Ile Ala Ala Leu Lys Gln Lys Ile Ala Ser Leu Lys Gln Glu Ile
31 1           5           10           15
34 Asp Ala Leu Glu Tyr Glu Asn Asp Ala Leu Glu Gln
35           20           25
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 28
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial
43 <220> FEATURE:
44 <223> OTHER INFORMATION: peptide SAF-p2a
46 <400> SEQUENCE: 2
48 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Gln Glu Ile
49 1           5           10           15
52 Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu Gln
53           20           25
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 17
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial
61 <220> FEATURE:
62 <223> OTHER INFORMATION: fibre-shaping peptide
65 <220> FEATURE:
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: (14)..(16)
68 <223> OTHER INFORMATION: Xaa is bAla
70 <400> SEQUENCE: 3

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W--> 72 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Xaa Xaa Xaa
73 1 5 10 15
76 Lys
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 16
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial
85 <220> FEATURE:
86 <223> OTHER INFORMATION: fibre-shaping peptide
89 <220> FEATURE:
90 <221> NAME/KEY: misc_feature
91 <222> LOCATION: (14)..(16)
92 <223> OTHER INFORMATION: Xaa is bAla
94 <400> SEQUENCE: 4

W--> 96 Lys Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Xaa Xaa Xaa
97 1 5 10 15
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 18
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: fibre-shaping peptide
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: (2)..(4)
112 <223> OTHER INFORMATION: Xaa is bAla
114 <400> SEQUENCE: 5

W--> 116 Glu Xaa Xaa Xaa Glu Ile Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu
117 1 5 10 15
120 Glu Gln
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 17
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial
129 <220> FEATURE:
130 <223> OTHER INFORMATION: fibre-shaping peptide
133 <220> FEATURE:
134 <221> NAME/KEY: misc_feature
135 <222> LOCATION: (1)..(3)
136 <223> OTHER INFORMATION: Xaa is bAla
138 <400> SEQUENCE: 6

W--> 140 Xaa Xaa Xaa Glu Ile Ala Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu
141 1 5 10 15
144 Gln
148 <210> SEQ ID NO: 7
149 <211> LENGTH: 29
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial
153 <220> FEATURE:

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Input Set : A:\sequence listing.txt

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154 <223> OTHER INFORMATION: peptide SAF-p2
156 <400> SEQUENCE: 7
158 Lys Ile Arg Ala Leu Lys Ala Lys Asn Ala His Leu Leu Lys Gln Glu
159 1 5 10 15
162 Ile Ala Ala Leu Glu Gln Glu Ile Ala Ala Leu Glu Gln
163 20 25
166 <210> SEQ ID NO: 8
167 <211> LENGTH: 27
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial
171 <220> FEATURE:
172 <223> OTHER INFORMATION: self-assembling peptide
174 <400> SEQUENCE: 8
176 Ile Arg Arg Leu Lys Gln Lys Asn Ala Arg Leu Lys Gln Glu Ile Ala
177 1 5 10 15
180 Ala Leu Glu Tyr Glu Ile Ala Ala Leu Glu Gln
181 20 25

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/526,367

DATE: 08/11/2006
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Input Set : A:\sequence listing.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; Xaa Pos. 14, 15, 16
Seq#:4; Xaa Pos. 14, 15, 16
Seq#:5; Xaa Pos. 2, 3, 4
Seq#:6; Xaa Pos. 1, 2, 3

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8

VERIFICATION SUMMARY

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Input Set : A:\sequence listing.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0